UTILITY
PATENT APPLICATION
TRANSMITTAL

	EXPRESS MAIL NO.: EV203579160US	1				
Attorney Docket No.:	CS22465RL	W				
First Inventor:	Cranfill, David B. et al.					
Title: TACTII	E TRANSDUCERS AND METHOD OF OPERATING	⊃ ∽				
Express Mail Label No.		49				

(Only for new nonprovisional applications under 37 CFR 1.53(b))										
APPLICAT	ION ELEMENTS	Mail Stop Patent Application								
(see MPEP chapter 600 concerning ADDRESS TO:			Commissioner for Patents							
	pplication contents)	P. O. Box 1450								
	,		Alexandria, VA 22313-1450							
1. X Fee Tr	ransmittal Form in duplicate		7. CD-ROM or CD-R in duplicate, large							
(Submit	an original and a duplicate for fee proce	essing)	table or Computer Program (Appendix)							
2. Applic	cant claims small entity status		8. Nucleotide and/or Amino Acid Sequence							
See 37	CFR 1.27		(if applicable, all necessary)							
	fication Total Pages	21	a. Computer Readable Form (CFR)							
	rred arrangement set forth belo	w)	b. Specification Sequence Listing on:							
	ptive title of the invention	0.13	i. CD-ROM or CD-4 (2 copies);							
	Reference to Related Applicati		ii or paper							
-Statem	ent Regarding Fed sponsored	R&D	c. Statements verifying identity of above copies							
	-Reference to sequence listing	ig, a table,	ACCOMPANYING APPLICATION PARTS							
-Backgr	ound of the Invention		9. x Assignment Papers (cover sheet & document(s))							
-Brief S	ummary of the Invention									
-Brief D	escription of the Drawings (if file	đ	10. 37 CFR 3.73(b) Power of Attorney							
-Detaile	d Description		Statement (when there is an assignee)							
-Claim(s	s)		11. English Translation Document (if applicable)							
-Abstrac	et of the Disclosure									
			12. IDS Copies of IDS Citations							
4. X Drawi	ng(s) Total Sheets	10	13. Preliminary Amendment							
5. Oath or De	•		14. X Return Receipt Postcard (MPEP 503)							
a. X Newly executed (original or copy)			15. Certified Copy of Priority Document							
ь. 🗀	Copy from a prior application	(37	16. Nonpublication Request under 35 U.S.C.							
٠. ــــا	CFR 1.63(d)) (for continuation	122(b)(2)(B)(i). Applicant must attach form								
	Box 18 completed)		PTO/SB/35 or its equivalent.							
i.	DELETION OF INVE	17. Other:								
	Signed statement attached del									
	inventor(s) named in the prior									
	see 37 CFR 1.63(d)(2) and 1.									
6 Applic	cation Data Sheet under 37	CFR 1.76								
18. IF A CONTIN	UING APPLICATION, check app	ropriate box and supply	the requisite information below and in a preliminary amendment:							
Continuatio		Continuation-								
Prior Appl. information: Examiner: Group/Art Unit:										
		of the prior application, from a	which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of							
the accompanying continuation of	or divisional application and is hereby incorpor	ated by reference. The incorpor	ration can only be relied upon when a portion has been inadvertently omitted from the submitted							
application parts.										
19. CORRESPONDENCE ADDRESS										
	ber or Bar Code Label	20280	or Correspondence address below							
Name Randall S. Vaas										
Motorola, Inc. – Law Department										
Address	600 North U.S. Highway 45	Ctoto	IL Zip Code 60048							
City	Libertyville U.S.A. Telephor	State	847-523-2327 Fax 847-523-2350							
Country Name	U.S.A. Telephor		Registration No. 34,479							
	1/2/11/11/11									
SIGNATURE	MAKE 5		Date 8-28-2003							

EXPRESS MAIL NO.: EV203579160US

					Complete if Known						
FEE			Application Number								
TRANSMITTAL			Filing Date	8/28/03							
Patent fees are subject to annual revision			First Named Inv	Cranfill, David B. et al.							
Applicant claims small entity status. See 37 CFR 1.27			Examiner Name								
			Group Art Unit	Group Art Unit							
TOTAL AMOUNT OF PAYMENT	(\$) 87	4.00	Attorney Docke	t No.	CS224	165RL					
METHOD OF	PAYMENT (che	ck all that appl	y)				CALC	CULA	TION (continue	d)	
Check Credit card Money Order Other None				3. ADDITIONAL FEES							
X Deposit Account:				Large Small Entity Entity							
Deposit Accoun	t Number	502117		Fee	Fee	Fee	Fee				
Deposit Accor	unt Name	Motorola, Inc		Code	(\$)	Code	(\$)				
The Director is authorized to: (ch				1051	130	2051	65	Surcharge – late filing fee or oath			
X Charge fee(s) indicate	ed below (X Credit any o	verpayments	1052 1053	50 130	2052 1053	25 130	Surcharge – late Provisional filing Non-English specification			
Charge any additional	fee(s) during the ne	indency of this and	dication	1812	2520	1812	2520		English specification ling a request for ex pa	rto.	-
								Reex	amination		
Charge fees(s) indica above-identified depo		or the filing fee to	ine	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
				1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action			
FE.	E CALCULAT	TON		1251 1252	110 410	2251 2252	55 205	Extension for reply within first month Extension for reply within second month			
	<u> </u>			1253	930	2253	465		sion for reply within second sion for reply within third m		-
1. BASIC FILING FEE				1254	1450	2254	725		sion for reply within fourth		
				1255	1970	2255	985		sion for reply within fift		
Large Entity Small	Entity			1401	320	2401	160		e of Appeal		
Fee Fee Fee	Fee			1402	320	2402	160		a brief in support of an	appeal	
Code (\$) Code	(\$)	F	ee Paid	1403	280	2403	140	Petiti	est for oral hearing on to institute a public u	ise	
1001 750 2001	375 Utility	r filing too	50	1451 1452	1510 110	1451 2452	1510 55		eding on to revive - unavoida	blo	
1002 330 2002	375 Utility filing fee 750			1453	1300	2453	650	Petition to revive – unintentional			
1003 520 2003		filing fee		1501	1300	2501	650	Utility	1		
1004 750 2004	375 Reiss	sue filing fee		1502	470	2502	235	Design issue fee			
1005 160 2005	80 Provi	sional filing fee		1503	630	2503	315	Plant issue fee			
SUBTOTAL (1) (\$) 750.00				1460 1807	130 50	1460 1807	130 50	Petitions to the Commissioner Processing fee under 37 CFR 1.17(q)			<u> </u>
2 EVIDA OLAHA EEEE	30810	TAL (1) (\$) 750	.00	1806	180	1806	180		issing tee under 37 CFF	1.17(4)	
2. EXTRA CLAIM FEES	Previously Extra	a Fee from	n	8021	40	8021	40		rding each patent assig	nment	40
·	Paid** Clair		Fee Paid	3021		552.	70		roperty (times number of p		
Total Claims			= 84	1809	750	2809	375	_	a submission after fination (37 CFR § 1.129(a)		
Multiple Dependent		280		1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))			
Large Entity Small	Entity			1801	750	2801	375	Requ	est for Continued Exan		
Fee Fee Fee Code (\$) Code	Fee (\$)	Fee Descript	ion	1802	900	1802	900		ICE) est for expedited exam	ination	
1202 18 2202	9 Claims in ex		,	Otherter	(caccita)			of	a design application		
1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claim, if not paid				Other ree	(specify)						
		dependent claims over									
1205 18 2205		ims in excess of 20 a	nd over original								
patent									(IDTOTAL /2) F	(6) (0 (0	
**OR NUMBER PREVIOUSLY PAID, IF GREATER THAN STANDARD ALLOWANCE. *For Reissues, see above				* Reduced by Basic Filing Fee paid SUBTOTAL (3) (\$) 40.00							
SUBMITTED BY								Com	plete (if applicable)		
Name (Print/Type) Randall S, Vaas				Registra	Registration No. 34,479 Telephone 847-523-2327						-2327
Signature Hall (18								ato.	8-78-	200	 S